

S/N 08/699,844



#6
8. Sand
8/28/97
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	DETTMER	Examiner:	UNKNOWN
Serial No.:	08/699,844	Group Art Unit:	2603
Filed:	AUGUST 20, 1996	Docket No.:	11729.121US01
Title:	MICROPROCESSOR-CONTROLLED FULL-DUPLEX SPEAKERPHONE USING AUTOMATIC GAIN CONTROL		

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on July 29, 1997
By: [Signature]
Name:

REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Please revoke any existing Powers of Attorney, if any, and appoint the following attorneys and/or patent agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office in connection therewith:

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Beard, John L.	Reg. No. 27,612	Kowalchyk, Katherine M.	Reg. No. 36,848
Beck, Robert C.	Reg. No. 28,184	Lacy, Paul E.	Reg. No. 38,946
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Ishimaru, Mikio	Reg. No. 27,449	Roddy, Richard J.	Reg. No. 27,688
Miller, Louise K.	Reg. No. 36,609		

as attorneys and/or patent agents with the full power to represent the applicant in connection with this application.

Certificate Under 37 C.F.R. § 3.73(b)

Advanced Micro Devices, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 901 Thompson Place, Sunnyvale, California

94088-3453 certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment (copy attached) from the inventors of the patent application identified above.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to sign this statement on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Please direct all correspondence in this application to

Robert J. Crawford
Merchant, Gould, Smith, Edell,
Welter & Schmidt, P.A.
3100 Norwest Center
90 South Seventh Street
Minneapolis, MN 55402-4131

Date:

July 14, 1997

By:

Paul F. Sale
Title Sr. Technology Law Counsel
Reg. No. 33,491



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DECEMBER 05, 1996

PTAS

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100283497A

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RECORDATION DATE: 08/20/1996

REEL/FRAME: 8158/0094
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DETTMER, DAVID RAY

DOC DATE: 08/19/1996

ASSIGNEE:

ADVANCED MICRO DEVICES
5204 E. BEN WHITE BOULEVARD
MAIL STOP 612
AUSTIN, TEXAS 78741

SERIAL NUMBER: 08699844
PATENT NUMBER:

FILING DATE: 08/20/1996
ISSUE DATE:

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08/60844

DESIGN PATENT

DOCKET NUMBER: 18799.79

In file of Form PTO-1595

10-03-1996

RECO



PATENTS

100283497

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original document(s) or copy.

1. Name of conveying party(ies):

David Ray Dettmer

2. Name and address of receiving party:

Advanced Micro Devices
5204 E. Ben White Boulevard
Mail Stop 612
Austin, Texas 78741

Additional name(s) & address(es) attached?

Yes XXX No

3. Nature of conveyance: XXX Assignment

Execution Date: August 19, 1996

4. Application or patent number(s):

If this document is being filed together with a new application, the execution date of the application is August 19, 1996.

A. Patent Application No.(s):

B. Patent No.(s):

5. Name and address of party to whom correspondence concerning document should be mailed:

Brandi W. Sarfatis
Haynes and Boone, L.L.P.
3100 NationsBank Plaza
901 Main Street
Dallas, TX 75202-3789

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

X Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 08-1394

(Duplicate copy of this sheet is attached)

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David L. McCombs

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 3

Mail document(s) to be recorded with required cover sheet information to:

40.00 CK

Commissioner of Patents and Trademarks
Box Assignments
Washington, D. C. 20231

D-0337850.01

PATENT
DOCKET NUMBER: TT1220

ASSIGNMENT

WHEREAS, I,

(1) David Ray Dettmer of Austin
State of Texas

have invented certain improvements in

MICROPROCESSOR-CONTROLLED FULL-DUPLEX SPEAKERPHONE USING AUTOMATIC GAIN CONTROL

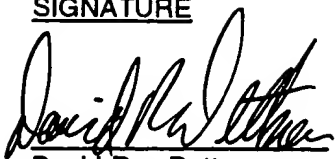
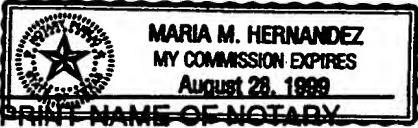
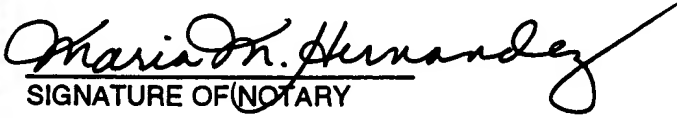
and filed a United States patent application therefor on the following date(s):

(1) filed herewith.

WHEREAS, ADVANCED MICRO DEVICES, INC., a corporation of Delaware, having a place of business at 901 Thompson Place, Sunnyvale, California 94088 (hereinafter called AMD), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

NOW, THEREFORE, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby acknowledge my prior existing obligation and hereby sell, assign, and transfer to AMD its successors and assigns, the entire right title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to AMD its successors and assigns; and we hereby agree that AMD may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by AMD.

Signed and sealed:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	<u>AUSTIN, TX, USA</u>	<u>8-19-96</u>	 David Ray Dettmer
(1)	State of <u>Texas</u> County of <u>Travis</u> ss.:		
On this <u>19th</u> day of <u>August</u> , 1996, before me personally came David Ray Dettmer to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.			
	 <u>MARIA M. HERNANDEZ</u> MY COMMISSION EXPIRES August 28, 1999 <u>MARIA M. HERNANDEZ</u>	 <u>Maria M. Hernandez</u> SIGNATURE OF NOTARY	
<input checked="" type="checkbox"/> Personally Known <input type="checkbox"/> Produced Identification in the form of _____			

d-0335141.01